

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A plastic object having a structurally modified part whose structure has been modified by irradiation with a laser light having a pulse duration of 10^{-12} second or shorter, wherein the laser light having a pulse duration of 10^{-12} second or shorter has an irradiation energy of 500 mW or lower.

Claim 2 (canceled).

Claim 3 (currently amended): The plastic object of claim 1, which has the structurally modified part in an inner portion thereof and has a transmittance in a visible wavelength region of 10% or higher.

Claim 4 (original): The plastic object of claim 1, wherein the structurally modified part extends in a direction parallel or perpendicular to the direction of the laser light irradiation.

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Claim 5 (original): The plastic object of claim 4, wherein the structurally modified part has a nearly circular or nearly rectangular section perpendicular to the longitudinal direction for the structurally modified part.

Claim 6 (currently amended): The plastic object of claim 1, wherein the structural modification in the structurally modified part is a structural modification caused by a crosslinking reaction, phase separation or a decomposition reaction in an inner portion of the plastic object, and the plastic object has a transmittance in a visible wavelength region of 10% or higher.